

METHOD OF MANUFACTURING CERAMIC HONEYCOMB STRUCTURE
AND DEVICE FOR FORMING THROUGH HOLES

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ABSTRACT OF THE DISCLOSURE

A method of manufacturing a honeycomb structure and
10 a through hole forming device used in the manufacture of
the honeycomb structure are disclosed, in which the step
of closing a part of the cell ends at an end surface of
the honeycomb structure is rationalized. In closing a
15 part of the cell ends (82) at the end surface (861) of a
honeycomb structure body (86), a film (2) is attached to
the end surface (861) of the honeycomb structure body
(86) in such a manner as to cover the cell ends (82).
The portion of the film (2) located at the cell ends (82)
20 to be closed is thermally melted or burnt off thereby to
form through holes (20). The end surface (861) is dipped
in a slurry containing an end surface closing material,
so that the slurry is caused to enter the cell ends (82)
by way of the through holes (20). After that, the slurry
25 is hardened while at the same time removing the resin
film (2).